

FORM 10-1449
(REV. 1-95)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Sheet 1 of 1

ATTY. DOCKET NO.
CLV-31313P1
APPLICATION NO.
09/775,104
APPLICANT
WINTERTON ET AL.
FILING DATE
FEBRUARY 1, 2001

Group

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------------------|----|-----------------|------|------|-------|----------|-------------|
| | AA | | | | | | |
| | AB | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | OFFICE | CLASS | SUBCLASS | TECHNOLOGY AREA | RECEIVED | TRANSLATION |
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| | | | | | | | YES | NO | |
| ECC | AM | WO 01 27209 A | 4/19/01 | PCT | — | — | TECHNOLOGY AREA | RECEIVED | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| ECC | AN | WO 99 35520 A | 7/15/99 | PCT | — | — | TECHNOLOGY AREA | RECEIVED | <input type="checkbox"/> <input type="checkbox"/> |
| ECC | AO | EP 0 138 385 A | 4/26/85 | EPO | — | — | TECHNOLOGY AREA | RECEIVED | <input type="checkbox"/> <input type="checkbox"/> |
| ████████ | AP | EP 0 138 385 A | 2/11/98 | EPO | — | — | TECHNOLOGY AREA | RECEIVED | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| ████████ | AQ | EP 01 01164 A | 4/21/98 | EPO | — | — | TECHNOLOGY AREA | RECEIVED | <input type="checkbox"/> <input type="checkbox"/> |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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| | AR | |
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EXAMINER

ERMA CAMERON

DATE CONSIDERED

2/13/04

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.
CL/V-01312A/01P 31313P1
APPLICATION NO.

APPLICANT
WINTERTON ET AL.
FILING DATE
September 3, 2003

Group

2/1/2001



Use several sheets if necessary

U.S. PATENT DOCUMENTS

Sheet 1 of 3

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|------------------|----|-----------------|----------|-------------------------|-------|----------|-------------|
| ECC | AA | 4,168,112 | 9/18/79 | Ellis, Edward J., et al | 351 | 160 | |
| | AB | 4,321,261 | 3/23/82 | Ellis, Edward J., et al | 424 | 180 | |
| | AC | 4,941,997 | 7/17/90 | Decher, Gero, et al | 252 | 586 | |
| | AD | 4,973,429 | 11/27/90 | Decher, Gero, et al | 252 | 587 | |
| | AE | 5,068,318 | 11/26/91 | Decher, Gero, et al | 534 | 573 | |
| | AF | 5,518,767 | 5/21/96 | Rubner, Michael, et al | 427 | 259 | |
| | AG | 5,529,727 | 6/25/96 | LaBombard, Denis | 264 | 1.36 | |
| | AH | 5,536,573 | 7/16/96 | Rubner, Michael, et al | 428 | 378 | |
| | AI | 6,011,082 | 1/4/00 | Wang, Yading | 523 | 107 | |
| ECC | AJ | 6,020,175 | 02/01/00 | Onda et al. | 435 | 180 | |
| | AK | | | | | | |
| | AL | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | OFFICE | CLASS | SUBCLASS | TRANSLATION YES | NO |
|-----|----|---------------------|---------|----------------|-------|----------|--------------------------|-------------------------------------|
| ECC | AM | 0 032 443 A2 | 1/9/81 | Europe | — | — | <input type="checkbox"/> | <input type="checkbox"/> |
| | AN | 0 138 385 A2 | 9/13/84 | Europe | — | — | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | AO | 05318118 | 3/24/03 | Japan Abstract | — | — | <input type="checkbox"/> | <input type="checkbox"/> |
| ECC | AP | GB 2,102,070-201207 | 1/5/78 | Great Britain | — | — | <input type="checkbox"/> | <input type="checkbox"/> |
| ECC | AQ | JP 01,158,412 | 2/26/80 | Japan | — | — | <input type="checkbox"/> | <input type="checkbox"/> |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

| | | |
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| ECC | AR | Blood Capability-Surface Characteristic Relationships of a Langmuir-Blodgett Film Composed of an Anionic Amphiphile-Polycation Complex, Uchida M., et al., New Polymers Material, Vol. 4, No. 3 pp. 119-211 (1994) |
| ECC | AS | Enhancement of Light Emitting Diodes Based on Self-Assembled Heterostructures of Poly (P-phenylene vinylene), O. Onitsuka, et al., Journal Applied Physics, 80, (7), 1 October 1996, ppg 4067-4071 |
| ECC | AT | Investigations of New Self-Assembled Multilayer Thin Films Based on Alternately Absorbed Layers of Polyelectrolytes and Functional Dye Molecules, D. Yoo, et al., Material Resource, Soc. Symp. Proc. Vol. 413, 1996, Materials Research Society |

EXAMINER

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2/13/04

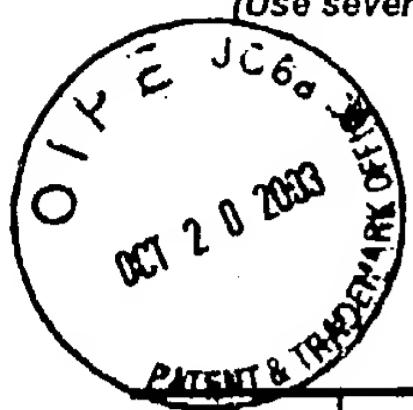
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FOREIGN PATENT DOCUMENTS Sheet 2 of 3

| | | DOCUMENT NUMBER | DATE | OFFICE | CLASS | SUBCLAS S | TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/> |
|-----|----|-----------------|----------|--------|-------|-----------|---|
| ECC | AA | WO 95/00618 | 1/5/95 | PCT | — | — | <input type="checkbox"/> <input type="checkbox"/> |
| ECC | AB | WO 95/02251 | 1/19/95 | PCT | — | — | <input type="checkbox"/> <input type="checkbox"/> |
| ECC | AC | WO 95/20407 | 8/3/95 | PCT | — | — | <input type="checkbox"/> <input type="checkbox"/> |
| ECC | AD | WO 96/18498 | 06/25/96 | PCT | — | — | <input type="checkbox"/> <input type="checkbox"/> |
| ECC | AE | WO 96/31792 | 10/10/96 | PCT | — | — | <input type="checkbox"/> <input type="checkbox"/> |
| ECC | AF | WO 96/37241 | 4/25/96 | PCT | — | — | <input type="checkbox"/> <input type="checkbox"/> |
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ERMA CAMERON

DATE CONSIDERED

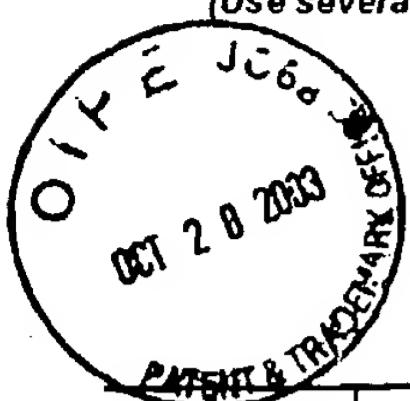
2/13/04

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ATTY. DOCKET NO.
CLV-34342A/GIP 31313 P1
APPLICATION NO.

APPLICANT
WINTERTON ET AL.
FILING DATE
September 3, 2003

Group

2/17/2004

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.) Sheet 3 of 3

| | | |
|-----|----|---|
| ECC | AA | New Electro-Active Self-Assembled Multilayer Thin Films Based on Alternately Absorbed Layers of Polyelectrolytes and Functional Dye Molecules, D. Yoo, et al., Elsevier Science, S.A., 1977, ppg 1425-1426 |
| ECC | AB | Layer-By-Layer Modification of Surfaces Through the Use of Self-Assembled Monolayers of Polyions, D. Yoo, et al., ANTEC, 1995 ppg 2568-2570 |
| | AC | Molecular Self-Assembly of Conducting Polymers: A New Layer-by-Layer Think Film Deposition Process, J. H. Chung, et al., |
| ECC | AD | Patterned Polymer Multilayer Fabrication by Controlled Adhesion of Polyelectrolytes to Plasma-Modified Fluoropolymer Surfaces, T. G. Vargo, et al, Supramolecular Science, Volume 2, Numbers 3-4, 1995, ppg 169-174 |
| ECC | AE | Molecular-Level Processing of Conjugated Polymers 1. Layer-by-Layer Manipulation of Conjugated Polyions, M. Ferreira, et al., Macromolecules, Vol. 28, No. 21, 1995, ppg 7107-7114 |
| ECC | AF | Molecular-Level Processing of Conjugated Polymers 2. Layer-by-Layer Manipulation of In-Situ Polymerized p-type Doped Conducting Polymers, M. Ferreira, et al., Macromolecules, Vol. 28, No. 21, 1995, ppg 7115-7120 |
| ECC | AG | Molecular-Level Processing of Conjugated Polymers 3. Layer-by-Layer Manipulation of Ppolyaniline via Electrowstatic Interactions, J. H. Cheung, et al., Macromolecules, 1997, 30, ppg 2712-2716 |
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